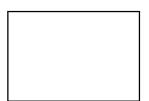


MISSION **COVERAGE STATISTICS**

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

KH-4 MISSION 1117-2 27-31 MAY 1972

Declass Review by NIMA / DoD



25X1 **TOP SECRET JUNE 1972** COPY NO 102 21 PAGES MCS-019/72

25X1

25X1

25X1

INTRODUCTION

This publication provides preliminary mission data, Greenwich Mean Time of passes, correlation of photographic coverage with WAC Chart Areas, coverage plots, and preliminary data for Mission 1117-2, dated 27-31 May 1972 (GMT).

Plot sheets are arranged by geographic areas as indicated by the index tabs. Coverage of the Eurasian land mass is divided into days to eliminate illegible overprinting.

Plots for the forward and aft cameras are portrayed as stereoscopic and/or monoscopic passes. Stereo passes will be shown with the forward-looking camera frame numbers inside the pass outline and the corresponding aft-looking camera frame numbers outside the pass outline. In the event of monoscopic coverage, only the frame numbers of the operative camera will appear. The relative location of photographs falling between the numbered frames may be approximated by interpolation.

All frames are indicated on the plot sheets, regardless of water coverage, total cloud cover, or a complete lack of imagery.

Refer to the Mission Coverage Statistics (MCS) entitled Target Coverage Summary, for additional information on Mission 1117-2

TABLE OF CONTENTS

25X1A	Preliminary Mission Data
	Greenwich Mean Time of Passes
25X1A	
25X IA	Coverage of Eurasia and Adjacent Areas
25X1A	
23X IA	Coverage of South America and Adjacent Areas

Page

25X1

25X1

PRELIMINARY MISSION DATA

Mission Number: 1117-2

Launch Date/Time (GMT): 25 May 1972/1841

Photo Dates (GMT): 27-31 May 1972

Recovery Date/Time (GMT): 31 May 1972/2052

Operational Photo Passes: 30

Operational Altitude Limits: 87-129 NM

Photo Scale Range: 1:264,480-1:392,160

Operational Ground Coverage (Fwd and Aft):

47,792 a. Linear Nautical Miles

b. Square Nautical Miles 5,974,000

Frames:

Operational

Fwd-Looking 2,991 Aft-Looking 2,983

Operational Imagery Footage (FWd and Aft): 14,618

Anomalies: No major camera anomalies were noted. There was a cyclic pressure pattern evident on three parts of the record. This pattern starts in the center of format at the beginning of a frame and continues diagonally through three or four frames, finally disappearing at the binary word edge of the film. Following are the affected areas:

25X1

I	

Vehicle Attitude: Normal.

Image Quality: The image quality is good and is similar to

Cloud Free Coverage: 65 percent of the mission is cloud free.

25X1

25X1

25X1

GREENWICH MEAN TIME

These times are derived from preliminary data and cannot be verified at this time. They are carried to the nearest whole minute:

DAGG	DATE	CAM ON HR (Z) MIN (Z)	CAM OFF HR (Z) MIN (Z)
PASS 29D (1) 29D (2) 30D	27 MAY 1972 27 MAY 1972 27 MAY 1972	1 ⁴ 01 1 ⁴ 11 15 27	1 ¹ 4 02 1 ¹ 4 12 15 28
36D (1) 36D (2) 38D (1) 38D (2) 38D (3) 39D (1) 39D (2) 40D 41D (1) 41D (2) 41D (3) 42D (1) 42D (2) 43D	28 MAY 1972	00 10 00 31 03 13 03 16 03 19 04 41 04 43 06 10 07 39 07 41 07 47 09 10 09 24 10 44	00 15 00 37 03 14 03 17 03 22 04 42 04 44 06 11 07 40 07 42 07 50 09 11 09 26 10 45
53D 54D (1) 54D (2) 55D 56D (1) 56D (2) 56D (3) 57D (2) 57D (3) 58D (1) 58D (2) 58D (3) 58D (4) 58D (5) 58D (6) 59D	29 MAY 1972	01 47 03 03 03 07 04 31 05 54 06 00 06 02 07 26 07 34 07 35 08 53 08 55 08 55 08 57 09 02 09 12 09 14 10 29	01 49 03 04 03 08 04 32 05 55 06 01 06 04 07 27 07 34 07 37 08 54 08 56 08 58 09 04 09 14 09 16 10 31
69D (1) 69D (2) 70D 71D (1) 71D (2) 72D (1) 72D (3) 72D (4) 73D 74D (1) 74D (2) 74D (3) 74D (4) 77D 78D	30 MAY 1972	01 32 01 37 02 49 04 17 04 20 05 40 05 46 05 51 07 12 08 39 08 43 08 51 09 00 13 25 14 49	01 35 01 38 02 50 04 19 04 21 05 41 05 44 05 52 07 15 08 43 08 44 08 52 09 02 13 29 14 49

25X1

Approved For Release 2003/05/15 CEL RDP09/T01396R000600260001-9

25X1

25X1

GREENWICH MEAN TIME (CONTINUED)

PASS	DATE]	CAM HR (Z)	ON MIN (Z)		OFF MIN (Z)
86D 87D (1) 87D (2) 88D (1) 88D (2) 89D (1) 89D (2) 89D (3) 90D (1) 90D (2) 90D (3) 91D	31 MAY 31 MAY	1972 1972 1972 1972 1972 1972 1972 1972	02 04 04 05 05 06 07 07 08 08 08	31 02 06 27 33 56 04 08 24 25 32	02 04 04 05 05 06 07 07 08 08 08	32 04 07 30 35 59 06 08 25 27 33 02

25X1

Next 1 Page(s) In Document Exempt

